

Trends in Arizona Immunization Coverage and Exemption Rates

Data Obtained from Immunization Data Reports from 2012-2016

Table 1: Trend of Immunization Specific Coverage Levels and Religious Exemption Rates for Child Care/Preschool Students

	Child Care Number of Students	DTaP 4+	Polio 3+	MMR 1+	Hib 3+	HepB 3+	Varicella 1+ (chicken pox)	Religious Exemptions
2012-2013	84,244	93.6%	95.3%	95.6%	94.4%	94.2%	95.3%	3.8%
2013-2014	81,606	93.4%	95.4%	95.7%	94.6%	94.1%	95.1%	4.1%
2014-2015	84,778	93.2%	95.4%	95.8%	95.6%	94.0%	95.3%	3.6%
2015-2016	92,128	92.0%	93.1%	93.6%	92.4%	92.0%	94.6%	3.5%
2016-2017	85,282	93.2%	94.7%	95.3%	94.8%	94.1%	95.4%	3.9%

Table 2: Trend of Immunization Specific Coverage Levels and Personal Belief Exemption (PBE) Rates for Kindergarten Students

	Kindergarten Number of Students	DTaP 4+	Polio 3+	MMR 2+	HepB 3+	Varicella 1+ (chicken pox)	Personal Belief Exemptions
2012-2013	87,909	94.6%	94.7%	94.5%	95.9%	96.8%	3.9%
2013-2014	85,861	94.3%	94.7%	93.9%	95.9%	96.4%	4.7%
2014-2015	84,651	94.3%	94.7%	94.2%	95.7%	96.9%	4.6%
2015-2016	83,088	94.2%	94.6%	94.2%	95.5%	96.7%	4.5%
2016-2017	83,627	93.9%	94.4%	94.0%	95.3%	96.7%	4.9%

Table 3: Trend of Immunization Specific Coverage Levels and Personal Belief Exemption (PBE) Rates for 6th Grade Students

	6th Grade Number of Students	Tdap 1	MCV 1	MMR 2	HepB 3	Varicella 1+ (chicken pox)	Personal Belief Exemptions
2012-2013	82,765	90.1%	90.2%	97.5%	97.6%	97.6%	3.9%
2013-2014	81,588	89.3%	89.8%	97.5%	97.6%	97.6%	4.7%
2014-2015	86,000	90.0%	89.9%	97.4%	97.5%	97.9%	4.7%
2015-2016	87,132	89.9%	89.9%	97.4%	97.5%	98.0%	4.4%
2016-2017	87,699	91.4%	89.6%	97.0%	97.2%	97.8%	5.1%

Table 4: School Type Personal Belief Exemption (PBE) rates for Kindergarten and 6th Grade Students from 2015-2016 and 2016-2017 (school type data is not available for child care/preschool)

	Kindergarten Public	Kindergarten Private	Kindergarten Charter	Kindergarten All School Types	6 th Grade Public	6 th Grade Private	6 th Grade Charter	6 th Grade All School Types
2015-2016	3.3%	7.3%	8.6%	4.5%	3.4%	6.0%	9.3%	4.4%
2016-2017	3.8%	7.8%	8.9%	4.9%	4.2%	6.5%	9.5%	5.1%
% Change	0.5%	0.5%	0.3%	0.4%	0.8%	0.5%	0.2%	0.7%

What Can YOU do to Help Decrease Exemption Rates?

Health Care Provider	<ul style="list-style-type: none"> •Have a personal conversation with parents •Make a strong recommendation for vaccination •Educate self, staff and patients •Nurture provider-patient relationships
School Nurse or Health office personnel	<ul style="list-style-type: none"> •Become familiar with school requirements and the new exemption forms •Have a personal conversation with the parents •Minimize use of “convenience” exemptions •Provide educational resources and materials to parents
Parent or Guardian	<ul style="list-style-type: none"> •Speak to your child’s physician or a health resource •Protect your child’s health - Educate yourself on vaccines •Make your decision based on facts, research and sound judgment •Keep a personal copy of your child’s immunization record updated and readily available